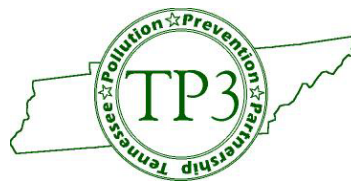


## Tennessee Pollution Prevention Partnership Success Story



Delta Faucet Co. of Tennessee  
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### Eliminating Air Emissions

#### The Member

Delta Faucet Co. started up production in its Jackson, Tennessee, facility in August 1995. The operation started with less than 50 people working one shift. Today, the facility employs over 500 associates that are working three shifts. Construction has also begun on a 250,000 square foot central distribution center located adjacent to the Jackson plant. The Jackson facility has reached milestones of one million and five million faucets produced within its first five years.

#### The Story

F006 is electroplating wastewater treatment sludge. Previously, we dried this sludge in a gas-fired dryer to remove the water in preparation for shipping. We found that the dryer caused numerous down times in production due to its incompatibility with the sludge, and the sludge could be shipped without drying.

In December 2002, we began the process of removing the dryer from the wastewater treatment department. Without drying the sludge before shipping, not only have we eliminated the down time caused by the dryer, but we have also completely eliminated the air emissions associated with sludge drying.

#### The Success

By removing the dryer from the facility, we were able to eliminate the energy costs as well as the costs due to downtime. These savings are approximately \$29,348 per year.

#### The Pollution Prevented

Six (6) tons of annual air emissions from the dryer were eliminated, including sulfur dioxide, NO<sub>x</sub>, carbon dioxide, emissions of particulate matter, and VOCs.

December 2002